

DETAILED ACTION

1. This office action is in response to the amendment filed on 02/12/2010. Claims 1-3 are pending in this application and have been considered below.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kenneth M. Berner on 04/29/2010.

The application has been amended as follows:

In claims:

- 1) In Claim 1, line 12-13; replace "observations i when the symbol m is non zero" with **--obvservations, where m and i are positive integers--**.
- 2) In Claim 3, line 3; add **--, where p is a positive integer--** after "propagation channel".

Allowable Subject Matter

3. Claims 1-3 are allowed.

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Claim 1 which recites the process for blind demodulation of a linear-waveform source comprising the steps of: determining symbol period; constructing a spatio-temporal observation vector; applying an Independent Component Analysis type method to the observation vector in order to estimate for a number of input symbol trains corresponding to a number of symbols participating in an inter-symbol interference; arranging the outputs in the same order as the inputs; and determining a phase associated with the outputs, the prior art of record neither anticipate nor render obvious the limitation as claimed, with respect to a process for blind demodulation of a linear-waveform source.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KENNETH LAM whose telephone number is (571)270-1862. The examiner can normally be reached on Mon - Fri 8:00 am - 4:30 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shuwang Liu can be reached on (571) 272-3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2611

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/KENNETH LAM/
Examiner, Art Unit 2611
05/03/2010

/CHIEH M FAN/
Supervisory Patent Examiner, Art Unit 2611